

AMAR RAJ V

#300 Nanja Reddy extn. Surya City Phase 1
Anekal main road, Chandapura
Bengaluru, Karnataka-560099



Contact details:

Phone Number: +917019883 5550

Email ID: amarraj.v@gmail.com

LinkedIn: www.linkedin.com/in/amar-raj-v

Skype: amarraj.v

Objective

Seeking for an opportunity to work in an Automobile Engineering Organisation where I can exhibit my knowledge and skills. To have a consistent professional growth along with the growth of the organisation and contributing the organisation to achieve its goal.

Skills

Operating System: WINDOWS 7, 8.1 & 10

Knowledge on: CATIA, Solidworks, ANSYS, AutoCAD, MS Office, ASME Y14.5, Composite materials.

Academic Projects

1) INTERNSHIP AT SANSERA ENGINEERING

Term: 1 month

Description:

- During the internship, cycle time required to manufacture the connecting rods was analyzed and processes were optimized.

2) AUTOMATED LEVEL CROSSING

Team Size: 4

Tools Used: Arduino IDE

Description:

- This project uses sensors for detection of train and vehicles in a level crossing and shuts the gates based on the inputs provided by the sensors.

3) INTERNSHIP AT RETHIUM POWER TECH LLP

Duration: 10 months

Description:

- Designing and drafting of battery packs for off-road vehicles like buggies, tow tugs etc.
- Gemba in manufacturing process.
- Design of aircraft GPU.
- Designing of battery pack for an electric tractor.

Areas of Interest

Off-road vehicles, Agricultural equipment, Vehicle Dynamics, Powertrains, Aerodynamics, Product design, HVAC, AR&VR, Retrofitting electric power trains, Alternate energy sources, Electric vehicles, and lean manufacturing.

Education

2019-2021 M. TECH IN AUTOMOBILE ENGINEERING

[Ongoing] Manipal Institute of Technology,
Manipal Academy of Higher Education,
▪ SEMESTER 1 GPA: 6.68
▪ SEMESTER 2 GPA: 7.72
▪ CGPA: 7.2

2015-2019 B. TECH IN MECHANICAL ENGINEERING

Alliance College of Engineering and Design,
Alliance University
▪ SCORE: 67.7%

2015 CLASS 12

Sharadha Vikas PU college
Department of Pre-University education, Karnataka
▪ SCORE: 65%

2013 CLASS 10

Swamy Vivekananda English medium high school
Karnataka Secondary Education Examination Board
▪ SCORE: 89%

Hobbies

Sports: Badminton, Chess and Cricket.

Others: DIY maintenance on tractor, reading automobile blogs and tech articles, following news, reading fiction.

Extracurricular activities: Participated in a cleaning drive at Thimmappana Betta.

Personal Profile

Father's Name	: Venkatesh B N
Mother's Name	: Veena
Date of Birth	: 14-09-1997
Sex	: Male
Languages Known	: English, Kannada, Telugu, and Hindi
Nationality	: Indian.

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Bangalore.

AMAR RAJ V